

## CLAIMS

1. Arrangement for ventilation of a vehicle seat (1), which arrangement comprises an air-distributing material (5, 16, 17, 18) and an electric heating element (6) comprising at least one electrically conductive component (7) arranged in a pattern in conjunction with at least one support (9, 16, 17, 18), where the vehicle seat (1) comprises a bottom part (2) which is adapted for ventilation by blowing air in or sucking air out via at least one passage (15) through the bottom part (2) and on through the said air-distributing material (5, 16, 17, 18), characterized in that the said support (9, 16, 17, 18), heating element (6) and air-distributing material (5, 16, 17, 18) are manufactured as an integrated arrangement adapted for mounting in conjunction with the said vehicle seat (1), the said air-distributing material (5, 16, 17, 18) being designed as at least one unit which is dimensioned for mounting in a correspondingly designed cutout (4) in the vehicle seat (1).
2. Arrangement according to claim 1, characterized in that the said support (9) is designed as a layer of which the external dimensions exceed the dimensions of the said cutout (4), an edge portion (9a) of the support (9) being defined, which overlaps a gap between the outer edge (5a) of the air-distributing material (5) and the inner side (4a) of the cutout (4).
3. Arrangement according to claim 2, characterized in that the said edge portion (9a) defines a seal for the said gap in order at least substantially to prevent the said air flowing through.
4. Arrangement according to claim 2 or 3, characterized in that the said edge portion (9a) is designed with means for anchoring the support (9) to the said seat (1).

- 5.. Arrangement according to any one of the preceding claims, characterized in that the support (9) consists of foamed polyurethane.
- 5 6. Arrangement according to claim 1, characterized in that the support (16, 17, 18) consists of air-distributing material.
- 7.. Arrangement according to claim 6, characterized in that the said electrically conductive component (7) is attached between supports  
10 consisting of a first layer (16) and a second layer (17) of air-distributing material.
8. Arrangement according to claim 6, characterized in that the said electrically conductive component (7) is located inside a support  
15 consisting of a layer (18) of air-distributing material.
9. Arrangement according to any one of the preceding claims, characterized in that it comprises an airflow-guiding material layer (29) arranged between the said support (9) and the said air-distributing  
20 material (5).
10. Arrangement according to claim 9, characterized in that the said material layer (29) consists of a glue layer of which the thickness is selected depending on the permitted air flowthrough through the said support  
25 material (9) at the position of the said material layer (29).
11. Arrangement according to any one of the preceding claims, characterized in that it is moreover used in a back part (3) belonging to the vehicle seat (1), which part is adapted for ventilation by blowing air in  
30 or sucking air out via at least one opening (30) through the air-distributing material (5).